

Appl. No. 10/711,140  
Amdt. dated June 5, 2006  
Reply to Office action of March 20, 2006

### REMARKS/ARGUMENTS

#### 1. 102(e) rejection over Claims 1-3 and 5-14:

Claim 1 was rejected under 35 U.S.C. 102(e), for reasons of record that can be found on pages 3-6 in the Office action identified above, which is Part of Paper No./Mail Date  
5 20060228. Claims 1-3 and 5-14 are rejected as being anticipated by Gau.

Attached is an affidavit from the applicant under 37 CFR 1.132 (as explained in MPEP 716.10) attributing relevant portions of the Gau et al. patent (US Patent 6,882,029) to the applicant. As shown in the affidavit, although joint inventors filed the reference  
10 application, the applicant of the instant application was the inventor who conceived of the following limitations:

“a first ion diffusion region with first conductivity type located in said ion well at one side of said gate finger, said first ion diffusion region serving as an anode of said junction varactor;  
15 a first lightly doped drain (LDD) having said first conductivity type in said ion well, and wherein said first LDD merges with said first ion diffusion region and extends laterally to said gate finger;”

The Gau patent does not claim that the LDD merges with the first ion diffusion  
20 region that serves as an anode of the junction varactor. Since the applicant of the instant application conceived of this unclaimed subject matter in the Gau patent, this subject matter of the Gau et al. reference is not applicable in rejecting the claims of the instant application. In view of this, claims 1-3 and 5-14 are not taught or suggested by the prior art of record, and reconsideration of claims 1-3 and 5-14 is requested.

25 The applicant respectfully requests that a timely Notice of Allowance be issued in this case.

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Sincerely yours,

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Date: 06/05/2006

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